

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Fontoura et al.

Serial No.: Not Yet Assigned

Group Art Unit: Unknown

Filing Date: Concurrently Herewith

Examiner: Unknown

For: USING INTRA-DOCUMENT INDICES TO IMPROVE XQUERY PROCESSING  
OVER XML STREAMS

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicants' duty of disclosure under 37 CFR §1.56, applicants respectfully bring the following documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicants are aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to  
Attorney's Deposit Account No. 09-0441.

Respectfully submitted,



Mohammad S. Rahman  
Registration No. 43,029

Date: 11/25/03  
McGinn & Gibb, PLLC  
2568-A Riva Road, Suite 304  
Annapolis, Maryland 21401  
(301) 261-8625  
Customer No. 28211

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JDW/

EFS-Web Receipt date: 11/25/2003

## INFORMATION DISCLOSURE CITATION

*Use several sheets if necessary.*

(Use several sheets if necessary)  
ALL REFERENCES CONSIDERED EXCEPT THOSE LINED THROUGH MARY

Docket Number (Optional)

ABC9200300801JS

3391 - GAU: 2168  
Not Yet Assigned

**Applicant(s)**

Fontoura et al.

卷之三

Filing Date ENDED THREE  
CONSECUTIVE DAYS

#### **Unit**

## U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 02/21339 A2	03/14/2002	International				

**OTHER DOCUMENTS** (*Including Author, Title, Date, Pertinent Pages, Etc.*)

	"Persistent DOM: An Architecture for XML repositories in relational databases", Richard Edwards, Sian Hope, Published by Springer-Verlag in Lecture Notes in Computer Science (vol. 1983), pp. 416-421, 2000.
	"A General Technique for Querying XML Documents using a Relational Database System", Jayavel Shanmugasundaram, Rajashekhar Krishnamurthy, Igor Tatarinov, Eugene Shekita, Efstratios Viglas, Jerry Kiernan, Jeffrey Naughton, SIGMOD Record, V. 30, May-June, 2001.

**EXAMINER** / Joseph D Wong/

DATE CONSIDÉRÉE

09/17/2008

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EFS-Web Receipt date: 11/25/2003

**INFORMATION DISCLOSURE CITATION**  
*(Use several sheets if necessary)*

EFS-Web Receipt date: 11/25/2003 <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>ARC920030080US1</b>	Application Number <b>10724391 - GAU: 2168</b> Not Yet Assigned
		Applicant(s) <b>Fontoura et al.</b>	
		Filing Date <b>Concurrently Herewith</b>	Group Art Unit <b>Unknown</b>
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	"Relational Databases for Querying XML Documents: Limitations and Opportunities", Jayavel Shanmugasundaram, Kristin Tufte, Gang He, Chun Zhang, David DeWitt, Jeffrey Naughton, Proceedings of the 25th VLDB Conference, Edinburgh, Scotland, 1999, 13 pages		
	"Tutorial: XML Toolkit", Makoto Onizuka, V1.02, September 5, 2002, <a href="http://www.cs.washington.edu/homes/suci/XMLTK/tutorial.txt">http://www.cs.washington.edu/homes/suci/XMLTK/tutorial.txt</a> , 10 pages		
	"XML pull parsing patterns", Aleksander Slominski, Version \$Id:patterns.html,v 1.4, August 16, 2002, <a href="http://www.extreme.indiana.edu/~aslom/xmlpull/patterns.html">http://www.extreme.indiana.edu/~aslom/xmlpull/patterns.html</a> , 8 pages		
	"Re: Streaming XML and SAX", Nathan Kurz, February 27, 1999, <a href="http://lists.xml.org/archives/xml-dev/199902/msg00952.html">http://lists.xml.org/archives/xml-dev/199902/msg00952.html</a> , 3 pages		
	"X marks the path", DNJ Online, Essentials -Understanding XPath, 2002, <a href="http://www.dnjonline.com/articles/essentials/iss25_essentials_xpath.asp">http://www.dnjonline.com/articles/essentials/iss25_essentials_xpath.asp</a> , 5 pages		
EXAMINER <b>/Joseph D Wong/</b>		DATE CONSIDERED	09/17/2008

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.